Virginia Title V Operating Permit

Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9 VAC 5-80-50 through 9 VAC 5-80-305 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name:	Times Fiber Communication, Inc.
Mailing Address:	380 Tightsqueeze Industrial Road Chatham, Virginia 24531
Facility Name:	Times Fiber Communication, Inc.
DEQ Registration Number:	30593
Facility Location:	380 Tightsqueeze Road in the Tightsqueeze Industrial Park-South, Pittsylvania County Virginia
AIRS Identification No.:	51-143-0098

Permit Number	Effective Date	Expiration Date
VA-30593	[**3** date]	[**3** date]

_____

Robert G. Burnley
Director, Department of Environmental Quality

_____

Signature Date

Table of Contents

I. Facility Information

Permittee
Times Fiber Communication, Inc.
380 Tightsqueeze Industrial Road
Chatham, VA 24531

Responsible Official
Talmage E. Nowells, Jr.
Director of Manufacturing

Facility
Times Fiber Communication, Inc.
380 Tightsqueeze Road in the Tightsqueeze Industrial Park-South
Pittsylvania County

Contact Person
Sam Brantingham
HR Manager
(434) 432-1804

AIRS Identification Number: 51-143-0098

Facility Description: 3357 - manufacturer of coaxial and CATV cable.

II. Emission Units

Equipment to be operated consists of:

A. Significant Emissions Units

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
Annealing Oven							
AO-1	D	natural gas-fire annealing oven, Despatch Oven Co., Model PSE3-225, 1989	7,500 lb_{wire}/batch	Riga-Flo 200/PH fiberglass filter, 1998	AO1-APC	PM, PM-10	February 22, 2002
Semiflex Cable Draw Lines (SFCDL)							
SFCDL #1-6	A	48" Draw Cat, 1973, 2000	12,500 ft/hr, each			VOC	February 22, 2002
Drop Cable Core Lines (DCCL) and Semiflex Cable Core Lines (SFCCL) and Drop Cable Jacket (DCJL) and Semiflex Cable Jacket Lines (SFCJL)							
DCCL #6, 14, 23, & 28	fugitive	Extruder, 1973	60,000 ft/hr, each			VOC	February 22, 2002
DCJL #7, 8, 15, 18, 24, 26, & 31-33	fugitive	Extruder, 1973	41,600 ft/hr, each			VOC	February 22, 2002
SFCCL #1-5, 11, 12, 20, 21, 25, 29, 30, 36, & 37	fugitive	Extruder, 1973	11,760 ft/hr, each			VOC	February 22, 2002
SFCJL #9, 10, 13, 16, 17, 34, & 35	fugitive	Extruder, 1973, 2000	21,000 ft/hr, each			VOC	February 22, 2002
Drop Cable Teflon Line							
TEF #34	#34A	Davis-Standard, 2000	105 lb_{FEP}/hr or 200 lb_{PPE}/hr			VOC, HF	February 22, 2002
Ink Jet Printers (IJP)							
IJP #7, 8, 9, 10, 13, 15, 22, 24, 26, 27, and 33	fugitive	11 Ink jet printers, 1973-1989	39,800 ft/hr, each			VOC	February 22, 2002
Ink Removal Station (SFCIR)							
RRIR #1 & WL#2	Fugitive	Times Fiber, 1973, 1999	5,500 ft/hr, each			VOC	February 22, 2002
SFCIR #1 - 3	Fugitive	Times Fiber, 2000	12,500 ft/hr, each			VOC	February 22, 2002

*The Size/Rated capacity is provided for informational purposes only, and is not an applicable requirement.

B. Insignificant Emission Units

The following emission units at the facility are identified in the application as insignificant emission units under 9 VAC 5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9 VAC 5-80-720 B)	Rated Capacity (9 VAC 5-80-720 C)
Space heaters	40 natural gas-fired space heaters, 1992	9 VAC 5-80-720 (A) 4	NOx, CO, VOC, PM, PM-10	< 500,000 Btu/hr (heat input), each
Space heaters	6 distillate oil-fired space heaters, 1973	9 VAC 5-80-720 (A) 4	SO_2, NOx, CO, VOC, PM, PM-10	< 500,000 Btu/hr (heat input), each
Storage silos	11 plastic pellet storage silos, 1973	9 VAC 5-80-720 (B)	PM, PM-10	< 5 tons/yr, each
FWA	Fine wire area, 1973 & 1989	9 VAC 5-80-720 (B)	VOC	< 5 tons/yr, each
AST	2,500-gallon propane storage tank, 1973	9 VAC 5-80-720 (B)	VOC	< 5 tons/yr, each
UST	3,000-gallon distillate oil storage tank, 1973	9 VAC 5-80-720 (B)	VOC	< 5 tons/yr, each

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9 VAC 5-80-110.

III. Process Equipment Requirements

A. Annealing Oven – (Ref. AO-1)

1. Limitations

a. Particulate matter emissions from the annealing oven (Ref. No. AO-1) shall be controlled by a water-cooled condenser and fiberglass filter in series. The water-cooled condenser and fiberglass filter shall be provided with adequate access for inspection and shall be in operation when the annealing oven is operating.
(9 VAC 5-50-10 H and Condition #3 of 2/22/2002 Permit)

b. The visible emissions from the annealing oven stack (Ref. AO-1) shall not exceed twenty (20) percent opacity, except during one (1) six (6) minute period per hour in which visible emissions shall not exceed thirty (30) percent opacity as determined by EPA Method 9 (reference 40 CFR 60 Appendix A), except during periods of startup, shutdown, or malfunction.
(9 VAC 5-50-80)

c. The approved fuels for the annealing oven are natural gas and LPG. A change in fuel may require a permit to modify and operate.
(9 VAC 5-80-10 H and Condition #17 of 2/22/2002 Permit)

d. The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions, with respect to the annealing oven, develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance for the annealing oven.
(9 VAC 5-80-20 E and Condition #30 of 2/22/2002 Permit)

e. The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request from the Department, test ports shall be provided at the appropriate locations.
(9 VAC 5-50-30 F and Condition 25 of 2/22/2002 Permit)

2. Periodic Monitoring

At least one time per calendar week, an observation of the presence of visible emissions from each of the annealing oven's stack (Ref. AO-1) shall be made. If visible emissions are observed the permittee shall:

a. take timely corrective action such that the annealing oven (Ref. AO-1) resumes operation with no visible emissions, or,

b. perform a visible emission evaluation (VEE) in accordance with 40 CFR 60, Appendix A, Method 9 to assure visible emissions from the annealing oven's stack (Ref. No. D) does not exceed 20 percent opacity. The VEE shall be conducted for a minimum of six minutes. If any of the observations exceed 20 percent, the VEE shall be conducted for a total of 60 minutes to assure compliance with the Condition 1.b above. If compliance is not demonstrated by this VEE, timely corrective action shall be taken such that the annealing oven resumes operation with visible emissions of 20 percent or less.

c. The permittee shall maintain a visual observation log for the annealing oven stack (Ref. No. D) to demonstrate compliance. The log shall include the date and time of the observations, whether or not there were visible emissions, any VEE recordings and any necessary corrective action.

(9 VAC 5-80-110 E.)

3. **Recordkeeping**
The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the South Central Regional Office. These records shall include, but not limited to:

a. Visual emission observation reports.

b. Operating procedures, maintenance schedules, and service records for the annealing oven.

These records shall be maintained on site and be made available upon request by the permittee for the most current five year period.
(9 VAC 5-50-50)

4. **Reporting**
The permittee shall submit written reports in accordance with General Condition VI.C
(9 VAC 5-80-110 F)

B. #34 Drop Cable Extrusion Line – (DCCL #34)

1. **Limitations**

a. The approved plastics for the #34 drop cable extrusion line (Ref. DCCL #34) are polypropylene, polyethylene, polyvinyl chloride, and Dupont's TFE051 or equivalent fluoropolymer resin. A change in the plastic or fluoropolymer resins may require a permit to modify and operate.
(9 VAC 5-80-110 and Condition 11 of 02/22/2002 Permit)

b. The #34 drop cable extrusion line (Ref. DCCL #34) shall process no more than 151.2 tons per year of TFE051 or approved equivalent resins, annual throughput shall be calculated monthly as the sum of each consecutive 12 month period.
(9 VAC 5-80-110 and Condition 14 of 02/22/2002 Permit)

c. Volatile organic compound (VOC) emissions from the #34 drop cable cleaning station (Ref. DCCL #34) using cleaning solutions containing VOCs shall be controlled by the use of cleaning solutions which contain no more than a monthly average of 20.0 percent by volume of isopropyl alcohol.
(9 VAC 5-80-110 and Condition 5 of 02/22/2002 Permit)

d. The permittee is limited to is limited to emit of the following hazardous air pollutants (HAPs) in the #34 drop cable extrusion line (Ref. DCCL #34):

HAPs	CAS Number
Hydrogen fluoride	7664393

(9 VAC 5-80-110 and Condition 18 of 02/22/2002 Permit)

e. Emissions from the operation of the #34 drop cable wire cleaning station (Ref. DCCL #34) shall not exceed the limits specified below:

Volatile Organic Compounds (as isopropyl alcohol)		1.0 ton/yr
Hydrogen fluoride	0.50 lbs/hr	0.7 ton/yr

Annual emissions are calculated as the sum of each consecutive twelve month period.

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with the annual emission limits may be determined as stated in Condition numbers a, b, and 3.c of this section.
(9 VAC 5-80-(DCCL #34) 110 and Condition 19 of 02/22/2002 Permit)

f. The #34 drop cable extrusion line (Ref. DCCL #34) fume collection system exhaust stack (Ref. #34A) shall be a minimum of 10 feet above roof level, have a maximum diameter of 6.0 inches, a minimum airflow of 714 acfm, and with an unobstructed vertical discharge, in order to comply with ambient air quality standards for hydrogen fluoride.
(9 VAC 5-80-110 and Condition 16 of 02/22/2002 Permit)

g. The visible emissions from the #34 drop cable core line exhaust stack (Ref. #34A) shall not exceed ten (10) percent opacity as determined by EPA Method 9 (reference 40 CFR 60 Appendix A), except during periods of startup, shutdown, or malfunction.
(9 VAC 5-50-260 and Condition 23 of 02/22/2002 Permit)

h. The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request from the Department, test ports shall be provided at the appropriate locations.
(9 VAC 5-50-30, 9 VAC 5-80-110, and Condition 25 of 02/22/2002 Permit)

2. **Periodic Monitoring**
At least one time per calendar week, an observation of the presence of visible emissions from the #34 drop cable extrusion line stack (Ref. DCCL #34) shall be made. If visible emissions are observed the permittee shall:

a. take timely corrective action such that the #34 drop cable extrusion line (Ref. DCCL #34) resumes operation with no visible emissions, or,

b. perform a visible emission evaluation (VEE) in accordance with 40 CFR 60, Appendix A, Method 9 to assure visible emissions from the #34 drop cable extrusion line's stack (Ref. #34A) does not exceed 10 percent opacity. The VEE shall be conducted for a minimum of six minutes. If any of the observations exceed 10 percent, the VEE shall be conducted for a total of 60 minutes to assure compliance with the Condition 1.g above. If compliance is not demonstrated by this VEE, timely corrective action shall be taken such that the #34 drop cable extrusion line (Ref. DCCL #34) resumes operation with visible emissions of 10 percent or less.

c. The permittee shall maintain a visual observation log for the #34 drop cable extrusion line (Ref. DCCL #34) to demonstrate compliance. The log shall include the date and time of the observations, whether or not there were visible emissions, any VEE recordings and any necessary corrective action.

(9 VAC 5-80-110 E.)

3. **Recordkeeping**
The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the South Central Regional Office. These records shall include, but not limited to:

a. Monthly throughput (in pounds) of TFE051 or approved equivalent resins used in the #34 drop cable extrusion line (Ref. DCCL #34). Annual throughputs shall be calculated monthly as the sum of each consecutive 12 month period.

b. Monthly and annual emissions (in tons/yr) of hydrogen fluoride (HF). Monthly emissions calculations for HF from the #34 drop cable extrusion line (Ref. DCCL #34) using the following equation to verify compliance with the ton/yr emissions limitation in Condition 7.

$$\text{Monthly calculation} = \frac{0.00476\ \text{lb}_{HF}/\text{lb}_{TFE051} * \text{monthly consumption of fluoropolymer resin (lb)}}{2000\ \text{lb/ton}}$$

c. A monthly and annual material balance of VOCs used on the #34 drop cable extrusion line wire cleaning station (Ref. DCCL #34) to demonstrate compliance to the emission limits in Condition 1.e of this section.

d. Visual emission observation reports.

e. Records of malfunctions of equipment which may cause a violation of any part of this permit.

f. Operating procedures, maintenance schedules, and service records for the #34 drop cable core line (Ref. DCCL #34).

These records shall be maintained on site and be made available upon request by the permittee for the most current five year period.
(9 VAC 5-80-110, 9 VAC 5-50-50, and Condition 24 of 02/22/2002 Permit)

4. **Reporting**
The permittee shall submit written reports in accordance with General Condition VI.C
(9 VAC 5-80-110 F)

C. Cold Solvent Cleaning and Ink Removal Machines

1. **Limitations**

a. The approved solvent for the semiflex cable draw lines (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal stations (SFCJIR Nos. 1-3), and drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2) is Hypersolve®, Triagen®, VOC solvents containing not less than 95% n-propyl bromide, or approved equivalent alternative. The permittee shall not use solvents containing methylene chloride (CAS No. 75-09-2), perchloroethylene (CAS No. 127-18-4), trichloroethylene (CAS No. 79-01-6), 1,1,1-trichloroethane (CAS No. 71-55-6), carbon tetrachloride (CAS No. 56-23-5) or chloroform (CAS No. 67-66-3), or any combination of these halogenated HAP solvents, in a total concentration greater than 5 percent by weight. A change in the solvent may require a permit to modify and operate.
(9 VAC 5-80-110 and Condition 9 of 2/22/2002 Permit)

b. The semiflex cable draw lines (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal stations (SFCJIR Nos. 1-3), and drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2) shall consume no more than 38,340 gallons per year of Hypersolve®, Triagen®, or approved equivalent, calculated monthly as the sum of each consecutive 12 month period. Cleaning solvent contained in still bottoms, sent off-site for disposal, or reclaimed on-site for reuse shall not be included in the total consumption. In the event that the maximum design capacity demonstration as determined by the testing required in Condition e below is less than the emission limits as stated in Condition d below the allowable annual consumption limits shall be adjusted to by the following equation:

$$\text{Gallons per year} = \frac{\text{Et} \times 2{,}000 \text{ lb/ton}}{11.09 \text{ lb/gallon}}$$

Where

Et = S Ei

Et = total solvent cleaning machine hourly emissions in pounds per hour
Ei = average hourly emissions for each solvent cleaning machine in lb/hr

(9 VAC 5-80-110, 9 VAC 5-50-50, and Condition 15 of 02/22/2002 Permit)

c. Volatile organic compound (VOC) emissions from each semiflex cable draw line (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal station (SFCJIR Nos. 1-3), and drop cable jacket ink removal station (Ref. RRIR No. 1, WL#2) shall be controlled by a cleaning chamber cover, an enclosed remote reservoir, squeegees, and good work practices. The conversion of semiflex cable jacket ink removal stations Nos. 1-4 (SFCDL No. 1, 2, 3, & 4) to the standards outlined in this condition shall be completed within 60 days of the issuance of the permit dated February 22, 2002. The conversion of semiflex cable jacket ink removal stations Nos. 5 and 6 (SFCDL No. 5 & 6), semiflex cable jacket ink removal stations Nos. 1-3 (SFCJIR Nos. 1-3), and drop cable jacket ink removal lines Nos. RRIR #1 and WL#2 to the standards outlined in this condition shall be completed within 120 days of issuance of the permit dated February 22, 2002.

(1) The cleaning chamber cover shall be designed to shield the cleaning chamber from outside air disturbances while the cable component is being cleaned. The cover shall completely cover the cleaning machine openings when in place and shall be in place whenever the solvent cleaning machine is in operation. In addition, the cover shall serve as an idle mode cover when the cleaning machine is not in operation. The cover shall be maintained free of cracks, holes, and other defects.

(2) A remote reservoir means a cleaning machine in which there is no exposed solvent sump, and the solvent is pumped from an enclosed chamber (reservoir) and is applied to the cable component through a nozzle or series of nozzles. The solvent then drains from the cleaning chamber and is collected and recycled through the machine, allowing no solvent to pool in the cleaning chamber. All solvent transfers between the cleaning chamber and reservoir shall be through threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.

(3) A squeegee system means a system that uses a series of pliable surfaces to remove the solvent film from the surfaces of the cable component, and separates the cleaning chamber from the cable component feed reel and take-up reel, where applicable, from the room atmosphere. The squeegees shall be periodically replaced to ensure continued proper function. Solvent application (spraying) shall cease when the solvent cleaning machine is idle. The squeegees shall be in place when the cleaning machine is operating or when idle.

(4) Each solvent cleaning machine and associated controls shall be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the DEQ's satisfaction to achieve the same or better results as those recommended by the manufacturer. Leaks, defects, or equipment malfunctions that may result in VOC emissions shall be tagged by the operator and repaired within 24 operating hours. The permittee shall maintain a log listing the date, operator, nature of the defect, and repairs to each cleaning machine.

(5) Waste solvent, still bottoms, sump bottoms, and waste absorbent materials used in the cleaning process for cleaning machines shall be collected and stored in waste containers. The closed containers will have a latching lid that significantly restricts VOC emissions.

Each cleaning machine shall be provided with adequate access for inspection
(9 VAC 5-80-110, 9 VAC 5-50-260, and Condition 4 of 02/22/2002 Permit)

d. Emission Limits - Total emissions from the operation of the 6 - semiflex cable draw lines (Ref. No. SFCDL Nos. 1-6), 3 - semiflex cable jacket ink removal stations (SFCJIR Nos. 1-3), and 2 - drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2) shall not exceed the limits specified below:

Volatile Organic Compounds	212.6 tons/yr

Annual emissions are calculated as the sum of each consecutive twelve month period. The potential to emit (PTE) from the solvent cleaning machines shall be calculated using the maximum design capacity demonstration required in Condition e below using the following equation:

$$PTE = \frac{Et \times 8{,}760\ hr/yr}{2{,}000\ lb/ton}$$

and

$$Et = S\ Ei$$

Where

Et = total solvent cleaning machine hourly emissions in pounds per hour
Ei = average hourly emissions for each solvent cleaning machine in lb/hr

In the event that the PTE is less than the emission limits as stated in this Condition, the allowable emission limits shall be adjusted to 1.0 times the potential to emit. These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with this emission limit may be determined as stated in Condition number 3.c of this section.
(9 VAC 5-80-110, 9 VAC 5-80-10, and Condition 20 of 02/22/2002 Permit)

e. Within 180 days of the issuance of the permit dated February 22, 2002, but after meeting the requirements of Condition c above, the permittee shall demonstrate the maximum design hourly solvent consumption rate of each semiflex cable draw line (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal station (SFCJIR Nos. 1-3), and drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2) through the performance testing specified in 40 CFR 63.465(b) for a period of not less than 14 calendar days. The average hourly VOC in pounds per hour emissions per unit shall be calculated using the following equation:

$$Ei = \frac{(SAi - LSRi + SSRi) \times 11.09 \text{ lb/gallon}}{OPHRi}$$

Where

Ei = average hourly emissions for each solvent cleaning machine in lb/hr
SAi = total gallons of clean solvent added to each solvent cleaning machine during test
LSRi = total gallons of used solvent removed for each solvent cleaning machine during test
SSRi = total gallons of clean solvent recovered from each solvent cleaning machine during the test
OPHRi = total operating hours during the test

If the demonstrated cable processing rate for the unit is less than the maximum design capacity stated by the manufacturer of the unit, the demonstrated 14 calendar days hourly average consumption rate shall be used to determine the annual capacity factor for the unit. The details of the tests shall be arranged with the South Central Regional Office.
(9 VAC 5-80-110, 9 VAC 5-80-10, and Condition 26 of 02/22/2002 Permit)

2. **Periodic Monitoring**

a. Each semiflex cable draw line (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal station (SFCJIR Nos. 1-3), and drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2) squeegees shall be observed by the permittee with a frequency of not less than once per shift to ensure good performance of the squeegee. This monitoring shall be conducted at the point where the cable component exits the squeegee system. The cable component leaving the squeegee system shall have no visible solvent film. If a visible film is observed, the permittee shall take corrective action to eliminate the visible film. The permittee shall keep a log of the observations from the cable component cleaning machine squeegee observations.
(9 VAC 5-80-110, 9 VAC 5-50-40 H, and Condition 7 of 02/22/2002 Permit)

b. The semiflex cable draw line (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal station (SFCJIR Nos. 1-3), and drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2) machine cover shall be observed by the permittee with a frequency of not less than once per shift to ensure that the cover is free of cracks, holes, and other defects, and is in place. The permittee shall keep a log of the observations from the cable component cleaning machine cover observations.
(9 VAC 5-80-110, 9 VAC 5-50-40 H, and Condition 8 of 02/22/2002 Permit)

c. The permittee shall maintain a visual observation log for each semiflex cable draw line (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal station (SFCJIR Nos. 1-3), and drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2) to demonstrate compliance to Conditions a and b of this section. The log shall include the date and time of the observations, whether or not there were cracks in the machine covers, any visible film on the cable component, and any necessary corrective action.
(9 VAC 5-80-110 E.)

3. **Recordkeeping**
The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the South Central Regional Office. These records shall include, but not limited to:

a. Annual consumption of Hypersolve®, Triagen®, or approved equivalent to demonstrate compliance to Condition 1.b, calculated monthly as the sum of each consecutive 12 month.

b. Certified product data sheets or equivalent references as approved by the DEQ showing VOC content and HAPs content for each cleaning used.

c. Monthly emissions calculations for VOC emissions from the semiflex cable draw lines (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal stations (SFCJIR Nos. 1-3), and drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2) using following equation to verify compliance with the ton/yr emissions limitations in Condition 1.d above:

$$((M - (R + S + D) \times V)/2000$$

where:

M = monthly cleaning solvent usage as determined by inventory use system, in gallons
R = monthly recovery of cleaning solvent from independent recycler document, in gallons
S = monthly cleaning solvent lost in still bottoms, in gallons
D = monthly cleaning solvent sent off-site for disposal, in gallons
V = concentration of VOCs in cleaning solution, lbs/gallon, (11.09 lb/gal for Hypersolve®, Triagen®, and n-propyl bromide)

Annual VOC emissions calculated monthly as the sum of each consecutive 12 month period.

d. Control device monitoring records for each semiflex cable draw line (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal station (SFCJIR Nos. 1-3), and drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2). The monitoring logs required in Conditions 2.a and 2.b of this section shall include the date and time, name of the observer, the parameter observed, and any corrective action.

e. Maximum Design Capacity Demonstration for each semiflex cable draw lines (Ref. No. SFCDL Nos. 1-6), semiflex cable jacket ink removal stations (SFCJIR Nos. 1-3), and drop cable jacket ink removal stations (Ref. RRIR No. 1, WL#2).

f. Scheduled and unscheduled maintenance, and operator training.

These records shall be maintained on site and be made available upon request by the permittee for the most current five year period.

(9 VAC 5-80-110, 9 VAC 5-50-50, and Condition 24 of 02/22/2002 Permit)

4. **Reporting**
The permittee shall submit written reports in accordance with General Condition VI.C
(9 VAC 5-80-110 F)

D. Core and Jacket Extrusion Lines

1. **Limitations**

a. The approved plastics for the semiflex cable core extrusion lines (Ref. SFCCL Nos. 1-5, 11, 12, 20, 21, 25, 29, 30, 36, 37), semiflex cable jacket lines (Ref. SFCJL Nos. 9, 10, 13, 16, 27), drop cable core lines (Ref. DCCL # 6, 14, 23, 28), and drop cable jacket lines (Ref. DCJL Nos. 7, 8, 15, 18, 24, 26, 31-33) are polypropylene, polyethylene, and polyvinyl chloride. A change in the plastic may require a permit to modify and operate.
(9 VAC 5-80-110, 9 VAC 5-80-10, and Condition 10 of 02/22/2002 Permit)

b. The approved adhesives for the drop cable jacket lines (Ref. DCJL Nos. 7, 8, 15, 18, 24, 26, 31-33) are Amoco BR310, Indopol® H1900, or equivalent adhesive. A change in the adhesive may require a permit to modify and operate.
(9 VAC 5-80-110, 9 VAC 5-80-10, and Condition 12 of 02/22/2002 Permit)

c. The approved adhesives for the semiflex cable jacket lines (Ref. SFCJL Nos. 9, 10, 13, 16, 27) are asphalt, Duribbon®, or equivalent adhesive. A change in the adhesive may require a permit to modify and operate.
(9 VAC 5-80-110, 9 VAC 5-80-10, and Condition 13 of 02/22/2002 Permit)

2. **Recordkeeping**
The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the South Central Regional Office. These records shall include, but not limited to:

a. The monthly and annual emissions calculations for VOC emissions from semiflex cable core extrusion lines (Ref. SFCCL Nos. 1-5, 11, 12, 20, 21, 25, 29, 30, 36, 37), semiflex cable jacket lines (Ref. SFCJL Nos. 9, 10, 13, 16, 27), drop cable core lines (Ref. DCCL # 6, 14, 23, 28, 34), and drop cable jacket lines (Ref. DCJL Nos. 7, 8, 15, 18, 24, 26, 31-33) using the following equation:

$$\text{Monthly calculation} = \frac{0.00133 \text{ lb}_{VOC}/\text{lb}_{plastic} \times \text{monthly consumption of plastic (lb)}}{2000 \text{ lb/ton}}$$

b. Scheduled and unscheduled maintenance, and operator training.

Annual emissions shall be calculated monthly as the sum of each consecutive 12 month period. These records shall be maintained on site and be made available upon request by the permittee for the most current five year period.
(9 VAC 5-80-110, 9 VAC 5-50-50, and Condition 24 of 02/22/2002 Permit)

3. **Reporting**
The permittee shall submit written reports in accordance with General Condition VI.C
(9 VAC 5-80-110 F)

IV. Facility Wide Specific Conditions

A. Plantwide VOC Emission Limits

Total emissions of volatile organic compounds from the facility shall not exceed the limits specified below:

Volatile Organic Compounds	237.4 tons/yr

Annual emissions are calculated as the sum of each consecutive twelve month period.

In the event that the emissions from solvent cleaning in Condition III.C.1.d is reduced, the allowable plantwide emission limits shall be adjusted by the following equation:

237.4 tons/yr - 212.6 tons/yr + revised Condition III.C.1.d emission limit

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with this emission limit may be determined as stated in Condition E.3 below.

(9 VAC 5-80-110, 9 VAC 5-50-50, and Condition 21 of 02/22/2002 Permit)

B. Plantwide HAP Emission Limits

Hazardous air pollutant (HAP) emissions, as defined by §112(b) of the Clean Air Act, from the coaxial and CATV facility shall be less than 10 tons per year of any individual HAP and less than 25 tons per year of any combination of HAPs, calculated monthly as the sum of each consecutive 12 month period.
(9 VAC 5-80-110, 9 VAC 5-50-50, and Condition 22 of 02/22/2002 Permit)

C. Maintenance/Operating Procedures -

The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions, with respect to and process equipment which affect such emissions:

1. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.

2. Maintain an inventory of spare parts.

3. Have available written operating procedures for equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum.

4. Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures. The permittee shall maintain records of the training provided including the names of trainees, the date of training and the nature of the training.

Records of maintenance and training shall be maintained on site for a period of five years and shall be made available to DEQ personnel upon request.
(9 VAC 5-50-20, 9 VAC 5-80-110, and Condition 30 of 02/22/2002 Permit)

D. Violation of Ambient Air Quality Standard

The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.
(9 VAC 5-80-110, and Condition 29 of 02/22/2002 Permit)

E. Plantwide Records

The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the South Central Regional Office. These records shall include, but are not limited to:

1. A monthly and annual material balance of VOC emissions from the ink jet printers (Ref. IJP Nos. 7-10, 13, 15, 22, 24, 26, 27,33). Annual VOC emissions calculated monthly as the sum of each consecutive 12 month period.

2. Monthly and annual emissions to verify compliance with the individual and total HAP emission limitations in Condition B of this section. Annual emissions shall be calculated monthly as the sum of each consecutive 12 month period.

3. A monthly and annual material balance of VOCs from the coaxial and CATV cable manufacturing facility to demonstrate compliance to Condition A of this section. Annual VOC emissions calculated monthly as the sum of each consecutive 12 month period.

4. Certified product data sheets or equivalent references as approved by the DEQ showing VOC content and HAPs content for each cleaning solution and ink jet printer ink used.

5. Calendar year log of each fuel combusted, pollutant-specific emission factors, and emission equations.

6. Scheduled and unscheduled maintenance, and operator training.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.
(9 VAC 5-80-110, 9 VAC 5-50-50, and Condition 24 of 02/22/2002 Permit)

F. Existing source standard for visible emissions

Unless otherwise specified in this part, no owner or other person shall cause or permit to be discharged into the atmosphere from any affected facility (constructed, modified or relocated prior to March 17, 1972, or reconstructed prior to December 10, 1976) any visible emissions which exhibit greater than 20% opacity, except for one six-minute period in any one hour of not more than 60% opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). Failure to meet the requirements of this section because of the presence of water vapor shall not be a violation of this section.
(9 VAC 5-40-80 and 9 VAC 5-80-110)

G. New source standard for visible emissions

Unless otherwise specified in this part, on or after the date on which the performance test required to be conducted by 9 VAC 5-50-30 is completed, no owner or other person shall cause or permit to be discharged into the atmosphere from any affected facility (constructed, modified or relocated after March 17, 1972, or reconstructed on or after December 10, 1976) any visible emissions which exhibit greater than 20% opacity, except for one six-minute period in any one hour of not more than 30% opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). Failure to meet the requirements of this section because of the presence of water vapor shall not be a violation of this section.
(9 VAC 5-50-80 and 9 VAC 5-80-110)

H. Fugitive Dust Emission Standards

Fugitive dust and fugitive VOC emission controls shall include the following, or equivalent, as a minimum:

1. Dust from haul roads and traffic areas shall be controlled by the application of asphalt, water, suitable chemicals, or equivalent methods approved by the DEQ.

2. Reasonable precautions shall be taken to prevent deposition of dirt on public roads and subsequent dust emissions. Dirt, product, or raw material spilled or tracked onto paved surfaces shall be promptly removed to prevent particulate matter from becoming airborne.

3. Volatile organic compounds shall not be intentionally spilled, discarded to sewers, stored in open containers, or handled in any other manner that would result in evaporation beyond that consistent with air pollution control practices for minimizing emissions.

(9 VAC 5-80-110, 9 VAC 5-50-50, and Condition 6 of 02/22/2002 Permit)

I. Startup, Shutdown and Malfunction

At all times, including periods of startup, shutdown, soot blowing and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9 VAC 5-40-20, 9 VAC 5-50-20, and 9 VAC 5-80-110)

V. Permit Shield & Inapplicable Requirements

Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by the administrator pursuant to (i) §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9 VAC 5-80-140)

VI. General Conditions

A. Enforceability

All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9 VAC 5-80-110 N)

B. Permit Expiration

This permit shall become invalid five years from the date of issuance. Permit expiration terminates the source's right to operate. The permittee shall submit an application for renewal of this permit no earlier than 18 months and no later than six months prior to the date of expiration of this permit. Upon receipt of a complete and timely application for renewal, this source may continue to operate subject to final action by the DEQ on the renewal application. (9 VAC 5-80-110 D, 9 VAC 5-80-170B, and 9 VAC 5-80-80 F)

C. Recordkeeping and Reporting

1. All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:

   a. The date, place as defined in the permit, and time of sampling or measurements.

   b. The date(s) analyses were performed.

   c. The company or entity that performed the analyses.

   d. The analytical techniques or methods used.

   e. The results of such analyses.

   f. The operating conditions existing at the time of sampling or measurement.

   (9 VAC 5-80-110 F)

2. Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
   (9 VAC 5-80-110 F)

~~3.~~ 3. The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than March 1 and September 1 of each calendar year. The time periods to be addressed are January 1 through June 30 and July 1 through December 31. This report must be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include~~:~~ ~~[Note: When the T5 permit is ready to be issued **Month_1** should be changed to the month the permit is issued, and **Month_6**, **Month_7**, and **Month_12** changed accordingly.]~~

   a. The time period included in the report.

   b. All deviations from permit requirements. For purposes of this permit, deviations include, but are not limited to:

      (1) Exceedance of emissions limitations or operational restrictions;

(2) Excursions from control device operating parameter requirements, as documented by continuous emission monitoring, periodic monitoring, or compliance assurance monitoring which indicates an exceedance of emission limitations or operational restrictions; or,

(3) Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.

c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semi-annual reporting period."

(9 VAC 5-80-110 F)

D. Annual Compliance Certification

Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to DEQ and EPA no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices. The time period to be addressed is January 1 through December 31. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. This certification shall be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include: ~~[Note: When the T5 permit is ready to be issued **Month_1** should be changed to the month the permit is issued, and **Month_12** changed accordingly.]~~

1. The time period included in the certification.

2. A description of the means for assessing or monitoring the compliance of the source with its emissions limitations, standards, and work practices.

3. The identification of each term or condition of the permit that is the basis of the certification.

4. 4. The status of compliance with the terms and conditions of this permit for the certification period.

5. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance.

6. Consistent with subsection 9 VAC 5-80-110 E, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period.

7. Such other facts as the permit may require to determine the compliance status of the source.

One copy of the annual compliance certification shall be sent to EPA at the following address:

Clean Air Act Title V Compliance Certification (3AP00)
U. S. Environmental Protection Agency, Region III

1650 Arch Street
Philadelphia, PA 19103-2029

(9 VAC 5-80-110 K.5)

E. Permit Deviation Reporting

The permittee shall notify the South Central Regional Office, within four daytime business hours of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the occurrence, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to General Condition D of this permit.
(9 VAC 5-80-110 F.2 and 9 VAC 5-80-250)

F. Failure/Malfunction Reporting

If, for any reason, the affected facilities or related air pollution control equipment fails or malfunctions and may cause excess emissions for more than one hour, the owner shall notify the South Central Regional Office, within four (4) daytime business hours of the occurrence. In addition, the owner shall provide a written statement, within 14 days, explaining the problem, corrective action taken, and the estimated duration of the breakdown/shutdown.
(9 VAC 5-80-250)

G. Severability

The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9 VAC 5-80-110 G.1)

H. Duty to Comply

The permittee shall comply with all terms and conditions of this permit, including those terms and conditions set forth in a tabular format. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9 VAC 5-80-110 G.2)

I. Need to Halt or Reduce Activity not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9 VAC 5-80-110 G.3)

J. Permit Action for Cause

1. This permit may be modified, revoked, reopened, and reissued, or terminated for cause as specified in 9 VAC 5-80-110 L, 9 VAC 5-80-240 and 9 VAC 5-80-260. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
(9 VAC 5-80-110 G.4)

2. Such changes that may require a permit modification and/or revisions include, but are not limited to, the following:

   a. Erection, fabrication, installation, addition, or modification of an emissions unit (which is the source, or part of it, which emits or has the potential to emit any regulated air pollutant), or of a source, where there is, or there is potential of, a resulting emissions increase;

   b. Reconstruction or replacement of any emissions unit or components thereof such that its capital cost exceeds 50% of the cost of a whole new unit;

   c. Any change at a source which causes emission of a pollutant not previously emitted, an increase in emissions, production, throughput, hours of operation, or fuel use greater than those allowed by the permit, or by 9 VAC 5-80-11, unless such an increase in authorized by an emissions cap; or any change at a source which causes an increase in emissions resulting from a reduction in control efficiency, unless such an increase is authorized by an emissions cap;

   d. Any reduction of the height of a stack or of a point of emissions, or the addition of any obstruction which hinders the vertical motion of exhaust;

   e. Any change at the source which affects its compliance with conditions in this permit, including conditions relating to monitoring, recordkeeping, and reporting;

   f. Addition of an emissions unit which qualifies as insignificant by emissions rate (9VAC 5-80-720 B) or by size or production rate (9 VAC 5-80-720 C);

   g. Any change in insignificant activities, as defined by 9 VAC 5-80-90 D.1.a (1) and 9 VAC 5-80-720 B and 9 VAC 5-80-720 C.

   (9 VAC 5-80-110 G, 9 VAC 5-80-110 J, 9 VAC 5-80-240, and 9 VAC 5-80-260)

K. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege.
(9 VAC 5-80-110 G.5)

L. Duty to Submit Information

1. The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon

request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9 VAC 5-80-110 G.6)

2. Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9 VAC 5-80-80 G.
(9 VAC 5-80-110 K.1)

M. Duty to Pay Permit Fees

The owner of any source for which a permit under 9 VAC 5-80-50 through 9 VAC 5-80-305 was issued shall pay permit fees consistent with the requirements of 9 VAC 5-80-310 through 9 VAC 5-80-355. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Department by **April 15** of each year. The calculations and final amount of emissions are subject to verification and final determination by the Department.
(9 VAC 5-80-110 H and 9 VAC 5-80-340 C)

N. Fugitive Dust Emission Standards

During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:

1. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;

2. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;

3. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or other similar operations;

4. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,

5. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

(9 VAC 5-40-90 and 9 VAC 5-50-90)

O. Startup, Shutdown, and Malfunction

At all times, including periods of startup, shutdown, soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9 VAC 5-50-20)

P. Alternative Operating Scenarios

Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9 VAC 5 Chapter 80, Article 1.
(9 VAC 5-80-110 J)

Q. Inspection and Entry Requirements

The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

1. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.

2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.

3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.

4. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9 VAC 5-80-110 K.2)

R. Reopening For Cause

The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9 VAC 5-80-80 F.

1. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

2. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

3. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9 VAC 5-80-110 D.

(9 VAC 5-80-110 L)

S. Permit Availability

Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.
(9 VAC 5-80-150 E)

T. Transfer of Permits

1. No person shall transfer a permit from one location to another, unless authorized under 9 VAC 5-80-130, or from one piece of equipment to another.
(9 VAC 5-80-160)

2. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)

3. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)

U. Malfunction as an Affirmative Defense

1. A malfunction constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the conditions of paragraph 2 are met.

2. The affirmative defense of malfunction shall be demonstrated by the permittee through properly signed, contemporaneous operating logs, or other relevant evidence that show the following:

   a. A malfunction occurred and the permittee can identify the cause or causes of the malfunction.

b. The permitted facility was at the time being properly operated.

c. During the period of malfunction, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit.

d. The permittee notified the board of the malfunction within two working days following the time when the emissions limitations were exceeded due to the malfunction. This notification shall include a description of the malfunction, any steps taken to mitigate emissions, and corrective actions taken. The notification may be delivered either orally or in writing. The notification may be delivered by electronic mail, facsimile transmission, telephone, or any other method that allows the permittee to comply with the deadline. This notification fulfills the requirements of 9 VAC 5-80-110 F.2. b to report promptly deviations from permit requirements. This notification does not release the permittee from the malfunction reporting requirements under 9 VAC 5-20-180

.

3. In any enforcement proceeding, the permittee seeking to establish the occurrence of a malfunction shall have the burden of proof. The provisions of this section are in addition to any malfunction, emergency or upset provision contained in any requirement applicable to the source.

4. The provisions of this section are in addition to any malfunction, emergency or upset provision contained in any applicable requirement

(9 VAC 5-80-250)

V. Permit Revocation or Termination for Cause

A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9 VAC 5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe, any permit for any of the grounds for revocation or termination or for any other violations of these regulations.
(9 VAC 5-80-260)

W. Duty to Supplement or Correct Application

Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9 VAC 5-80-80 E)

X. Stratospheric Ozone Protection

If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(40 CFR Part 82, Subparts A-F)

Y. Accidental Release Prevention

If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(40 CFR Part 68)